

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A speed control circuit of a brushless DC fan motor which is driven by a drive circuit, and controlled in the rotational speed thereof by controlling the a voltage of supplied to a control input terminal of the drive circuit, the speed control circuit comprising:

a differential amplifier that is linear in an input-output characteristic, and having a first input terminal to in which ~~the a~~ voltage signal for controlling the speed is inputted ~~in a first input terminal,~~ and ~~the~~ having a second input terminal to which a reference voltage signal is inputted ~~in a second input terminal,~~

wherein the differential amplifier ~~is linear in the input-output characteristic, and can set a rise characteristic of a desired gradient, and give the voltage signal from the output terminal of the differential amplifier~~ has an output terminal by which the voltage is supplied to the control input terminal of the drive circuit.

2. (Currently Amended) ~~A~~The speed control circuit of a brushless DC fan motor according to Claim 1, wherein the reference voltage signal of the differential amplifier is given from a resistance voltage division point of a resistance voltage divider connected between a power source for driving the circuit and the ground, and the resistance of the resistance voltage divider is set to be an appropriate value in order to obtain a desired minimum rotational speed.

3. (Currently Amended) The ~~A~~ speed control circuit of a brushless DC fan motor according to Claim 1 ~~or Claim 2,~~ wherein the voltage signal for controlling the speed is inputted in the first input terminal of the differential amplifier via a first resistor for setting the amplification degree, a second resistor for setting the amplification degree is connected

between the first input terminal and the output terminal of the differential amplifier, a desired amplification degree is obtained for the differential amplifier by suitably setting the resistance of the first and second resistors for setting the amplification degree, and a desired rate of change in the rotational speed is set.

4. (Currently Amended) The A-speed control circuit of a brushless DC fan motor according to any of Claims 1 to 3Claim 1, wherein the first input terminal and the second input terminal of the differential amplifier are grounded individually via a capacitor.

5. (Currently Amended) The A-speed control circuit of a brushless DC fan motor according to any one of Claims 1 to 4Claim 1, wherein the voltage signal from the output terminal of the differential amplifier is given to the control input terminal of the drive circuit via a resistor for finely adjusting the rotational speed.

6. (Currently Amended) The A-speed control circuit of a brushless DC fan motor according to any one of Claims 1 to 5Claim 1, wherein a voltage signal transmission line from the output terminal of the differential amplifier to the control input terminal of the drive circuit is grounded at a desired point via a capacitor.

7. (New) The speed control circuit of a brushless DC fan motor according to Claim 2, wherein the voltage signal for controlling the speed is inputted in the first input terminal of the differential amplifier via a first resistor for setting the amplification degree, a second resistor for setting the amplification degree is connected between the first input terminal and the output terminal of the differential amplifier, a desired amplification degree is obtained for the differential amplifier by suitably setting the resistance of the first and second resistors for setting the amplification degree, and a desired rate of change in the rotational speed is set.

8. (New) The speed control circuit of a brushless DC fan motor according to Claim 2, wherein the first input terminal and the second input terminal of the differential amplifier are grounded individually via a capacitor.

9. (New) The speed control circuit of a brushless DC fan motor according to Claim 3, wherein the first input terminal and the second input terminal of the differential amplifier are grounded individually via a capacitor.

10. (New) The speed control circuit of a brushless DC fan motor according to Claim 2, wherein the voltage from the output terminal of the differential amplifier is given to the control input terminal of the drive circuit via a resistor for finely adjusting the rotational speed.

11. (New) The speed control circuit of a brushless DC fan motor according to Claim 3, wherein the voltage from the output terminal of the differential amplifier is given to the control input terminal of the drive circuit via a resistor for finely adjusting the rotational speed.

12. (New) The speed control circuit of a brushless DC fan motor according to Claim 4, wherein the voltage from the output terminal of the differential amplifier is given to the control input terminal of the drive circuit via a resistor for finely adjusting the rotational speed.

13. (New) The speed control circuit of a brushless DC fan motor according to Claim 2, wherein a voltage signal transmission line from the output terminal of the differential amplifier to the control input terminal of the drive circuit is grounded at a desired point via a capacitor.

14. (New) The speed control circuit of a brushless DC fan motor according to Claim 3, wherein a voltage signal transmission line from the output terminal of the

differential amplifier to the control input terminal of the drive circuit is grounded at a desired point via a capacitor.

15. (New) A speed control circuit of a brushless DC fan motor according to Claim 4, wherein a voltage signal transmission line from the output terminal of the differential amplifier to the control input terminal of the drive circuit is grounded at a desired point via a capacitor.

16. (New) A speed control circuit of a brushless DC fan motor according to Claim 5, wherein a voltage signal transmission line from the output terminal of the differential amplifier to the control input terminal of the drive circuit is grounded at a desired point via a capacitor.